

Exhibit 300: Capital Asset Summary

Part I: Summary Information And Justification (All Capital Assets)

Section A: Overview & Summary Information

Date Investment First Submitted: 2009-06-30
Date of Last Change to Activities: 2012-06-25
Investment Auto Submission Date: 2012-02-28
Date of Last Investment Detail Update: 2012-02-27
Date of Last Exhibit 300A Update: 2012-06-01
Date of Last Revision: 2012-07-20

Agency: 011 - Department of Justice **Bureau:** 10 - Federal Bureau of Investigation

Investment Part Code: 01

Investment Category: 00 - Agency Investments

1. Name of this Investment: FBI SENTINEL

2. Unique Investment Identifier (UII): 011-000003211

Section B: Investment Detail

- 1. Provide a brief summary of the investment, including a brief description of the related benefit to the mission delivery and management support areas, and the primary beneficiary(ies) of the investment. Include an explanation of any dependencies between this investment and other investments.**

The FBI currently uses hardcopy Case Files (paper file folders) to manage investigative and intelligence information. These paper documents are the official system of records. Concurrently, the Automated Case Support (ACS) captures electronic metadata about each document, along with text narrative for many of those documents, resulting in the maintenance of two records systems for almost every case document created. Sentinel will transform the way the FBI does business, allowing the FBI to move from a paper based reporting system to an electronic system of records, as well as to eliminate the redundancy in maintaining multiple systems. Sentinel will leverage technology to reduce redundancy, eliminate bottlenecks and inefficiencies, and maximize the FBI's ability to use the information in its possession. Sentinel provides an integrated system that will support the processing, storage and management of information to allow the FBI to effectively perform its investigative and intelligence operations. The system will provide a base for adding new functionalities and for supporting scalability that will be necessary to deal with increasing workloads, an expanding bureau workforce, and increasing data repository sizes. It's the intent of Sentinel to provide a set of highly integrated services that will support rapid and effective information sharing among Bureau personnel and with authorized external agencies. When completed, Sentinel will employ intranet technologies to enter, organize, search, and retrieve information and to import, export, and share case related information. Sentinel capabilities are as follows:

establish the foundation (hardware) upon which all future phases will be built and introduce the Sentinel user interface which provides a user-friendly interface to existing FBI information and includes work boxes summarizing a users workload; provide electronic document management; automate work flow, improve information indexing for more flexible search results; improve the process for handling evidence and centralize statistical reporting. The beneficiary of the system are the agents, analysts, and authorized external agencies the collection and sharing of investigative and intelligence data that supports the following major intelligence priorities by improving and increasing the FBI's ability to prevent terrorist attacks; protect against espionage; protect against cyber-based attacks and high tech crimes; and deter and disrupt criminal acts.

2. How does this investment close in part or in whole any identified performance gap in support of the mission delivery and management support areas? Include an assessment of the program impact if this investment isn't fully funded.

The FBI Sentinel program closes the FBI IT infrastructure gap. The development of the Sentinel addresses the FBI ability to improve information to operations through IT innovation that is relevant, timely and functional by leveraging technologies and innovative reuse of existing technologies; and promote information sharing, collaboration and knowledge management. Sentinel provides a platform where users facilitate their investigative and admin duties within a collaborative environment; provides the functions designed to collect, collate, filter and manage information gathered from multiple data sources, legacy systems, and other business functions; provides for the storage and analysis of data, and the presentation and sharing of information to improve the efficiency and effectiveness of the investigating agents from informational to operational actions. By utilizing Sentinel's three functional areas associated with case management of collected item management, task management, and indexing along with data support capabilities, the FBI organization and partners have at their disposal the repository of collaborative and information sharing knowledge of data available for their investigative and administrative duties. Sentinel provides electronic document management; automates work flow, improves information indexing enabling better, faster, and more flexible search results; improves the process for handling evidence and centralizes statistical reporting. As a result, Sentinel reduces the redundancy for legacy system, eliminate bottlenecks and inefficiencies of information and maximize the FBI's ability to use the information in its possession. The Sentinel program should be continually and fully funded as the measurement of Sentinel to user is invaluable. Sentinel is a matter of national security and protecting the American public is a top priority.

3. Provide a list of this investment's accomplishments in the prior year (PY), including projects or useful components/project segments completed, new functionality added, or operational efficiency achieved.

Sentinel accomplished Agile Development milestones #1 [Sentinel Advisory Group testing of 7 functional areas: (1) Draft EC and attachment testing, to include different roles and collaboration (2) Draft FD 302 (3) Draft Import form, attachments and open new cast (4) Draft leads, routing and workflow (5) Change Case Request (6) Notification and (7) Free form testing of combined functions] and #2 [Beta released to indicated FBI field offices conducting lesson learnt from user feedback to be better understand and incorporate into functionality and release training] validating the business functionality of the system and creating the operational deployment strategy to transition the FBI enterprise from reliance on the legacy

ACS case management system to the new updated Sentinel product. Additionally there have been several successful operations and maintenance releases delivered to the operational product improving user experience and system s performance.

4. Provide a list of planned accomplishments for current year (CY) and budget year (BY).

FY12 will deploy the full operating capability of the Sentinel system. Additionally the enhancement project activities will expand to provide quarterly perfective maintenance releases and begin the technology refresh of hardware. FY13 will continue the enhancement project activities providing quarterly perfective maintenance releases and continue the technology refresh of hardware.

5. Provide the date of the Charter establishing the required Integrated Program Team (IPT) for this investment. An IPT must always include, but is not limited to: a qualified fully-dedicated IT program manager, a contract specialist, an information technology specialist, a security specialist and a business process owner before OMB will approve this program investment budget. IT Program Manager, Business Process Owner and Contract Specialist must be Government Employees.

2006-03-16

Section C: Summary of Funding (Budget Authority for Capital Assets)

1.

Table I.C.1 Summary of Funding

	PY-1 & Prior	PY 2011	CY 2012	BY 2013
Planning Costs:	\$4.3	\$0.0	\$0.0	\$0.0
DME (Excluding Planning) Costs:	\$351.9	\$18.4	\$14.2	\$0.0
DME (Including Planning) Govt. FTEs:	\$23.2	\$3.6	\$1.9	\$0.0
Sub-Total DME (Including Govt. FTE):	\$379.4	\$22.0	\$16.1	0
O & M Costs:	\$48.0	\$14.1	\$30.0	\$30.0
O & M Govt. FTEs:	\$0.0	\$0.0	\$0.0	\$1.9
Sub-Total O & M Costs (Including Govt. FTE):	\$48.0	\$14.1	\$30.0	\$31.9
Total Cost (Including Govt. FTE):	\$427.4	\$36.1	\$46.1	\$31.9
Total Govt. FTE costs:	\$23.2	\$3.6	\$1.9	\$1.9
# of FTE rep by costs:	70	6	6	6
Total change from prior year final President's Budget (\$)		\$-14.2	\$14.2	
Total change from prior year final President's Budget (%)		-28.20%	44.60%	

2. If the funding levels have changed from the FY 2012 President's Budget request for PY or CY, briefly explain those changes:

The changes in funding levels are due to the programmatic replanning efforts to include the Global Functional Exercise that was not originally planned.

Section D: Acquisition/Contract Strategy (All Capital Assets)

Table I.D.1 Contracts and Acquisition Strategy

Contract Type	EVM Required	Contracting Agency ID	Procurement Instrument Identifier (PIID)	Indefinite Delivery Vehicle (IDV) Reference ID	IDV Agency ID	Solicitation ID	Ultimate Contract Value (\$M)	Type	PBSA ?	Effective Date	Actual or Expected End Date
Awarded	1549	DJFX1D104701	GS10F0189T	1549							
Awarded	1549	DJFX1D104702	DJFDOJFBI2006C2428	1549							
Awarded	1549	DJFX1G103464	GS10F0047J	1549							

2. If earned value is not required or will not be a contract requirement for any of the contracts or task orders above, explain why:

The performance of all contracts and task orders in the SENTINEL Program is being monitored through an earned value management system (EVMS) that is compliant with the ANSI/EIA 748 Standard for Earned Value Management. The performance of the prime SENTINEL contractor, under the NIH CIO-SP2i contract above, is monitored under a separate EVMS in accordance with the SENTINEL Development and Deployment Task Order and the EVMS Agreement between the Defense Contract Management Agency (DCMA) and the Lockheed Martin Corporation (LMC). The performance of all other contracts and task orders funded by the SENTINEL Program, such as Program Management Office (PMO) support, is monitored by an EVMS that is operated and maintained by the SENTINEL PMO. This SENTINEL PMO EVMS has been examined by staff from the DOJ OCIO and found to be fully compliant with the ANSI/EIA 748 Standard for Earned Value Management. Contracts which do not contain the EVM provisions/clauses are contracts for Program Management Office (PMO) level of effort support. EVM provisions/clauses are not required for these contracts. All contracts are competitively awarded through the new FBI PMSS contract.

Exhibit 300B: Performance Measurement Report

Section A: General Information

Date of Last Change to Activities: 2012-06-25

Section B: Project Execution Data

Table II.B.1 Projects

Project ID	Project Name	Project Description	Project Start Date	Project Completion Date	Project Lifecycle Cost (\$M)
020100-A	Sentinel	Agile Development - An Automated Case Management System.			

Activity Summary

Roll-up of Information Provided in Lowest Level Child Activities

Project ID	Name	Total Cost of Project Activities (\$M)	End Point Schedule Variance (in days)	End Point Schedule Variance (%)	Cost Variance (\$M)	Cost Variance (%)	Total Planned Cost (\$M)	Count of Activities
020100-A	Sentinel							

Key Deliverables

Project Name	Activity Name	Description	Planned Completion Date	Projected Completion Date	Actual Completion Date	Duration (in days)	Schedule Variance (in days)	Schedule Variance (%)
020100-A	Agile Development Milestone 4	FOC Software Completed	2012-02-10	2012-02-10	2012-02-10	179	0	0.00%
020100-A	Integration	Integration of FOC Software Completed on New Hardware	2012-03-02	2012-03-02		20	-182	-910.00%
020100-A	Advisory Groups	SAG Assessments	2012-03-20	2012-03-20		17	-164	-964.71%

Key Deliverables

Project Name	Activity Name	Description	Planned Completion Date	Projected Completion Date	Actual Completion Date	Duration (in days)	Schedule Variance (in days)	Schedule Variance (%)
		FOC Software Completed with 500 Agents						
020100-A	Functional Exercise	Conduct Sentinel Functional Exercise 2 on FOC Software Completed	2012-04-18	2012-04-18		28	-135	-482.14%

Section C: Operational Data

Table II.C.1 Performance Metrics

Metric Description	Unit of Measure	FEA Performance Measurement Category Mapping	Measurement Condition	Baseline	Target for PY	Actual for PY	Target for CY	Reporting Frequency
Increase the average number of information and data sharing of case management information by 10% semi-annually	Number	Mission and Business Results - Services for Citizens	Over target	300.000000	300.000000	388.000000	330.000000	Semi-Annual
Increase the percentage of Problem Ticket resolved by 90% or better	Percent	Customer Results - Timeliness and Responsiveness	Over target	90.000000	90.000000	99.000000	90.000000	Monthly
Sustain the number of unique users to not fall below a 10% threshold monthly	Number	Customer Results - Service Coverage	Over target	10000.000000	10000.000000	12164.000000	11000.000000	Monthly
Increase the average number of searches that can be conducted simultaneously by 10% quarterly	Number	Process and Activities - Productivity	Over target	70000.000000	70000.000000	80310.000000	77000.000000	Quarterly
Increase the number of draft documents created by at least 10% monthly	Number	Technology - Information and Data	Over target	500.000000	500.000000	654.000000	550.000000	Monthly
Increase the average number of leads set created by 10% quarterly	Number	Process and Activities - Productivity	Over target	12000.000000	12000.000000	15081.000000	13200.000000	Quarterly